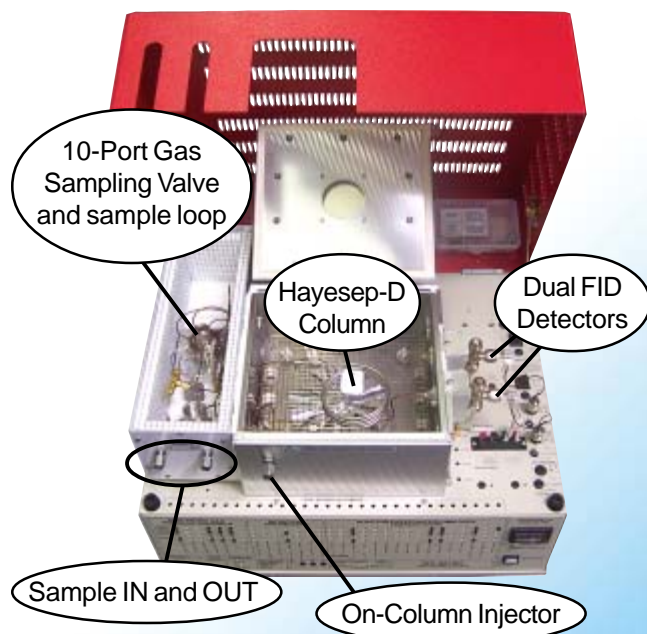




## Mud-Logging GC Systems



### Mud-Logging GC

- *Dual FID Detectors*
- *Hayesep-D Column*
- *10-port Gas Sampling Valve*
- *Built-in “whisper quiet” Air Compressor*
- *Temperature Programmable Column Oven*
- *4 channel PeakSimple Data System*
- *...on the compact 8610C chassis*

SRI now offers two versions of our Mud-Logging GC Configuration to suit your application needs

and working environment. The 8610C Mud-Logging GC System is full-featured, yet small enough to be portable/used in the field. The 410 Rack-Mount Mud-Logging GC System packs the same features into a GC that fits on your shelf-equipped, 19-inch rack.

### 410 Rack-Mount Mud-Logging GC

- *Dual FID Detectors*
- *Hayesep-D Column*
- *10-port Gas Sampling Valve*
- *Standard & Sample Stream Solenoids*
- *Built-in “whisper quiet” Air Compressor*
- *Temperature Programmable Column Oven*
- *4 channel PeakSimple Data System*
- *...on the rack mountable 410 chassis*



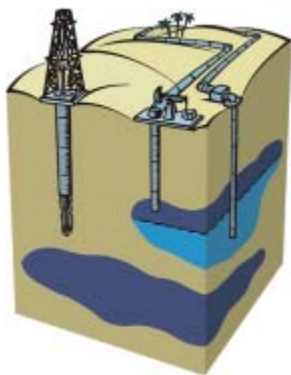
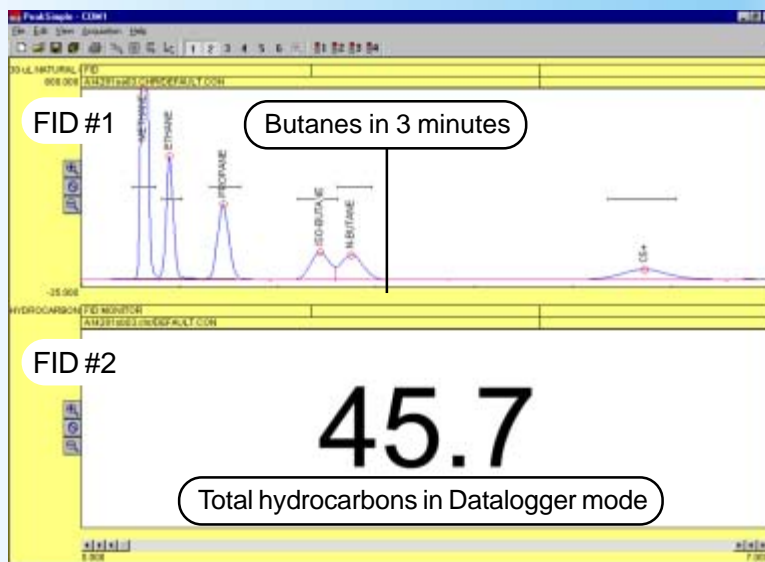
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## SRI Mud-Logging GC Systems

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Both Mud-logging GC systems are designed to provide a continuous reading of total hydrocarbons in a gas stream while periodically performing a chromatographic separation of the sample to determine the exact hydrocarbon composition of the sample stream. The sample gas stream is connected to a bulkhead fitting on the heated valve oven, where it flows through the loop of the 10-port gas sampling valve, and also to the second FID detector, which continually monitors the hydrocarbon content of the gas. Automatically, at a repeating time interval controlled by the operator, the gas sampling valve injects the contents of its loop into the GC column, where it is separated into the constituent hydrocarbon peaks and detected by the first FID detector.

The built-in, four channel PeakSimple data system connects quickly and easily to your Windows™ PC or Laptop, and displays both the continuous total hydrocarbon reading and the separated peaks. PeakSimple's Datalogger mode allows you to display a scaled and calibrated result in large numbers in place of one strip chart chromatogram for the second FID detector. An alarm function can visually or audibly alert the operator if an external measure, area, or signal is not within the specified range. Summary reports are easily printed, or copied into Excel or similar programs.



The built-in, “whisper quiet” air compressor provides combustion air for the FID detectors. The Hayesep-D (high purity divinyl benzene, max temp 290°C) packed column is good for separating gases and other low molecular weight compounds. For heavier molecular weight liquids, use a 30 or 60 meter MXT-1 capillary column.

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8610-0065

Mud-Logging GC System

0410-0065

Rack-Mount Mud-Logging GC System (rack not included)

Voltage: for 110VAC, use “part number-1” [ex: 8610-0065-1]; for 220VAC, use “part number-2”

Options and Upgrades: six channel USB PeakSimple data system, solenoids for sample and standard streams, additional gas sampling valve, PTV or Split/Splitless injector upgrade, capillary column